



Model Number

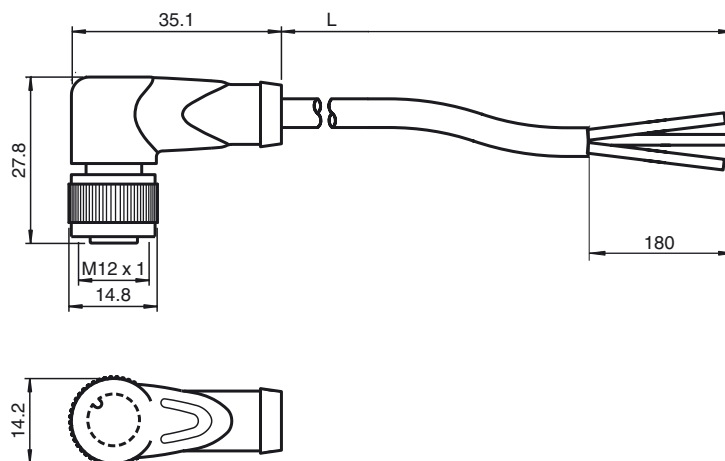
V11-W-BK6,7M-PUR-O1-Y290688

Single-ended female cordset, M12, 3-pin, PUR cable, outdoor

Features

- Resistant to microbes and hydrolysis
- Resistant to salt water
- Suitable for outdoor use (UV- and ozone resistant)
- Oil and abrasion resistant PUR line appropriate for drag chains
- Knurled nut suitable for tool assembly
- Immunity to vibration, with mechanical latching
- Gold plated contacts
- Suitable for drag chains
- 180 mm stripped

Dimensions



Technical data

General specifications

Number of pins	3
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Electrical specifications

Operating voltage	U_B	max. 250 V AC/DC
Operating current	I_B	max. 4 A
Contact resistance		< 10 mΩ
Lead resistance		Max. 39 Ω/km

Ambient conditions

Ambient temperature	Body: -50 ... 105 °C (-58 ... 221 °F) cable, fixed: -50 ... 105 °C (-58 ... 221 °F) cable, flexing: -30 ... 105 °C (-22 ... 221 °F)
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Pollution degree	3
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Mechanical specifications

Contact elements	spring-loaded contact socket
Pin diameter	1 mm
Degree of protection	IP67 / IP68 / IP69k

Material

Contacts	CuSn / Au
Contact surface	Au
Body	TPU, black
Cable	PUR
Slotted nut	Diecast zinc
Core insulation	PP

Cable

Sheath diameter	Ø 4.5 mm ± 0.15 mm
Bending radius	> 10 x cable diameter, moving > 5 x cable diameter, fixed
Color	black (similar to RAL 7021)

Number of cores	4
Core cross-section	0.5 mm ²
Conductor construction	28 x 0.15 mm Ø 1 x symmetrically twisted

Length	L	6.7 m
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Drag chain suitability

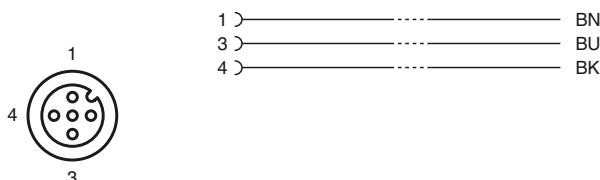
Drag chain cycles	≥ 2000000
Motion velocity	≤ 3 m/s
Traverse distance	≤ 10 m
Acceleration	≤ 10 m/s ²

Flammability

Contact carrier	HB
Housing	V-2
Cable	cURus AWM 21924/11558 105°C 300V FT2

Compliance with standards and directives

Electrical connection



**Standard conformity**

Degree of protection	EN 60529:2000
Standards	IEC 61076-2-101:2008
Flammability	Body: UL 94 Line: UL 1581 Section 1061; IEC 60332-1-2:2004
Halogen-free	DIN VDE 0472-815 DIN EN 50267-2-1
Chemical resistance	DIN EN 60811-2-1:2002

Approvals and certificates

UL approval	cURus AWM 21924/11558 105°C 300V FT2
Maximum permissible operating voltage	≤ 30 V
Maximum permissible ambient temperature	≤ 80 °C (≤ 176 °F)